

DATE: Wednesday, July 31, 2002

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side by side		result set	
<i>DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR</i>			
L18	6363084.pn.	2	L18
L17	L16 and digital	2	L17
L16	L13 and FM	2	L16
L15	L13 and digital near3 broadcast\$	0	L15
L14	L13 and (DAB or hiboc or ofdm)	0	L14
L13	barker near2 (code or sequence) and (estimat\$ or determin\$) near3 frequency near2 offset and (@ad<=19990815)	19	L13
L12	L10 and orthogonal near4 multiplex\$ and estimat\$ near3 offset and L	2	L12
L11	L10 and orthogonal near4 multiplex\$ and estimat\$ near3 offset and L and barker	0	L11
L10	6363084.pn.	2	L10
L9	L8 and estimate near3 offset	4	L9
L8	(frequency near3 offset and orthogonal near2 frequency near2 multiplex\$).ab. and (@ad<=19990915)	28	L8
L7	frequency near3 offset and barker and (DAB and frequency near2 multiplex\$).ab. and (@ad<=19990915)	0	L7
L6	L4 and transmit\$ near3 barker	1	L6
L5	L4 and transmit\$ barker	12354	L5
L4	L3 and frequency near3 offset	2	L4
L3	barker near3 (sequence or code) and orthogonal near3 frequency near2 multiplex\$ and (@ad<=19990915)	5	L3
L2	barker near3 (sequence or code) and hiboc or orthogonal near3 frequency near2 multiplex\$ and (@ad<=19990915)	1046	L2
L1	barker near3 (sequence or code) and orthogoanl near3 frequency near2 multiplex\$ and (@ad<=19990915)	0	L1

END OF SEARCH HISTORY

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 24 of 24 returned.** 1. Document ID: US 6400758 B1

L8: Entry 1 of 24

File: USPT

US-PAT-NO: 6400758

DOCUMENT-IDENTIFIER: US 6400758 B1

TITLE: Method and apparatus for training sequence identification in an AM compatible digital audio broadcasting system[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn Desc](#) | [Image](#) 2. Document ID: US 6381251 B1

L8: Entry 2 of 24

File: USPT

US-PAT-NO: 6381251

DOCUMENT-IDENTIFIER: US 6381251 B1

TITLE: Data transmission apparatus and receiving apparatus using orthogonal frequency division multiplex modulation system[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn Desc](#) | [Image](#) 3. Document ID: US 6366554 B1

L8: Entry 3 of 24

File: USPT

US-PAT-NO: 6366554

DOCUMENT-IDENTIFIER: US 6366554 B1

TITLE: Multi-carrier transmission systems

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn Desc](#) | [Image](#) 4. Document ID: US 6363128 B1

L8: Entry 4 of 24

File: USPT

US-PAT-NO: 6363128

DOCUMENT-IDENTIFIER: US 6363128 B1

TITLE: Multi-carrier transmission systems

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn Desc](#) | [Image](#) 5. Document ID: US 6359938 B1

L8: Entry 5 of 24

File: USPT

US-PAT-NO: 6359938

TITLE: Single chip VLSI implementation of a digital receiver employing orthogonal frequency division multiplexing

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [RMD](#) [Draw Desc](#) [Image](#)

6. Document ID: US 6359926 B1

L8: Entry 6 of 24

File: USPT

US-PAT-NO: 6359926

DOCUMENT-IDENTIFIER: US 6359926 B1

TITLE: Multi-carrier transmission systems

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [RMD](#) [Draw Desc](#) [Image](#)

7. Document ID: US 6320903 B1

L8: Entry 7 of 24

File: USPT

US-PAT-NO: 6320903

DOCUMENT-IDENTIFIER: US 6320903 B1

TITLE: Multi-carrier transmission systems

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [RMD](#) [Draw Desc](#) [Image](#)

8. Document ID: US 6300895 B1

L8: Entry 8 of 24

File: USPT

US-PAT-NO: 6300895

DOCUMENT-IDENTIFIER: US 6300895 B1

TITLE: Discreet radar detection method and system of implementation thereof

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [RMD](#) [Draw Desc](#) [Image](#)

9. Document ID: US 6246735 B1

L8: Entry 9 of 24

File: USPT

US-PAT-NO: 6246735

DOCUMENT-IDENTIFIER: US 6246735 B1

*Same as 638/251*

TITLE: Synchronization detection method for data transmission apparatus and data transmission apparatus using the same

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [RMD](#) [Draw Desc](#) [Image](#)

10. Document ID: US 6226337 B1

L8: Entry 10 of 24

File: USPT

US-PAT-NO: 6226337

DOCUMENT-IDENTIFIER: US 6226337 B1

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11. Document ID: US 6181714 B1

L8: Entry 11 of 24

File: USPT

US-PAT-NO: 6181714

DOCUMENT-IDENTIFIER: US 6181714 B1

TITLE: Multi-carrier transmission systems

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[ Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments ]

[ KIMC | Draw Desc | Image ]

12. Document ID: US 6125124 A

L8: Entry 12 of 24

File: USPT

US-PAT-NO: 6125124

DOCUMENT-IDENTIFIER: US 6125124 A

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TITLE: Synchronization and sampling frequency in an apparatus receiving OFDM modulated transmissions

[ Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments ]

[ KIMC | Draw Desc | Image ]

13. Document ID: US 6084871 A

L8: Entry 13 of 24

File: USPT

US-PAT-NO: 6084871

DOCUMENT-IDENTIFIER: US 6084871 A

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TITLE: Method for synchronization of transmitter and receiver at mobile radio system

[ Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments ]

[ KIMC | Draw Desc | Image ]

14. Document ID: US 6005894 A

L8: Entry 14 of 24

File: USPT

US-PAT-NO: 6005894

DOCUMENT-IDENTIFIER: US 6005894 A

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✓

TITLE: AM-compatible digital broadcasting method and system

[ Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments ]

[ KIMC | Draw Desc | Image ]

15. Document ID: US 5914933 A

L8: Entry 15 of 24

File: USPT

US-PAT-NO: 5914933

DOCUMENT-IDENTIFIER: US 5914933 A

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✓

TITLE: Clustered OFDM communication system

16. Document ID: US 5867478 A

L8: Entry 16 of 24

File: USPT

US-PAT-NO: 5867478

DOCUMENT-IDENTIFIER: US 5867478 A



TITLE: Synchronous coherent orthogonal frequency division multiplexing system, method, software and device

[ Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments ]

[ KMC | Draw Desc | Image ]

17. Document ID: US 5812523 A

L8: Entry 17 of 24

File: USPT

US-PAT-NO: 5812523

DOCUMENT-IDENTIFIER: US 5812523 A



TITLE: Method and device for synchronization at OFDM-system

[ Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments ]

[ KMC | Draw Desc | Image ]

18. Document ID: US 5732113 A

L8: Entry 18 of 24

File: USPT

US-PAT-NO: 5732113

DOCUMENT-IDENTIFIER: US 5732113 A



TITLE: Timing and frequency synchronization of OFDM signals

[ Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments ]

[ KMC | Draw Desc | Image ]

19. Document ID: US 5687165 A

L8: Entry 19 of 24

File: USPT

US-PAT-NO: 5687165

DOCUMENT-IDENTIFIER: US 5687165 A



TITLE: Transmission system and receiver for orthogonal frequency-division multiplexing signals having a frequency-synchronization circuit

[ Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments ]

[ KMC | Draw Desc | Image ]

20. Document ID: US 5652772 A

L8: Entry 20 of 24

File: USPT

US-PAT-NO: 5652772

DOCUMENT-IDENTIFIER: US 5652772 A



TITLE: Method and apparatus for synchronization in digital transmission systems of the OFDM type

21. Document ID: US 5602835 A

L8: Entry 21 of 24

File: USPT

US-PAT-NO: 5602835

DOCUMENT-IDENTIFIER: US 5602835 A

TITLE: OFDM synchronization demodulation circuit[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 22. Document ID: US 5541965 A

L8: Entry 22 of 24

File: USPT

US-PAT-NO: 5541965

DOCUMENT-IDENTIFIER: US 5541965 A

TITLE: Carrier frequency synchronization device using two different B/W filters

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 23. Document ID: US 5444697 A

L8: Entry 23 of 24

File: USPT

US-PAT-NO: 5444697

DOCUMENT-IDENTIFIER: US 5444697 A

TITLE: Method and apparatus for frame synchronization in mobile OFDM data communication[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 24. Document ID: US 5345440 A

L8: Entry 24 of 24

File: USPT

US-PAT-NO: 5345440

DOCUMENT-IDENTIFIER: US 5345440 A

TITLE: Reception of orthogonal frequency division multiplexed signals[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)[Generate Collection](#)[Print](#)

Terms	Documents
L6 and (interleaver or multiplex\$) and block	24

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